

GenCore version 5.1.4\_p5\_4578  
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OM nucleic - nucleic search, using bw model

Run on: March 26, 2003, 11:15:34 ; Search time 66.3864 Seconds  
(without alignments)  
106.250 Million cell updates/sec

Title: US-10-086-184-1

Perfect score: 23  
Sequence: 1 aaatcgctccgagcggaac 23

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 44362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 558892

Minimum DB seq length: 0  
Maximum DB seq length: 40

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA:\*

1: /cgn2\_6/pdata/2/ina/5A.COMB.seq:\*  
2: /cgn2\_6/pdata/2/ina/5B.COMB.seq:\*  
3: /cgn2\_6/pdata/2/ina/6A.COMB.seq:\*  
4: /cgn2\_6/pdata/2/ina/6B.COMB.seq:\*  
5: /cgn2\_6/pdata/2/ina/6C.COMB.seq:\*  
6: /cgn2\_6/pdata/2/ina/Backfillseq.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result	No.	Score	Query Match	Length	ID	Description
1	15	65.2	40	4	US-09-416-050A-51	Sequence 51, Appl
2	15	65.2	40	4	US-09-664-800-51	Sequence 51, Appl
3	15	65.2	40	4	US-09-665-309-51	Sequence 51, Appl
4	15	65.2	40	4	US-09-661-569-51	Sequence 51, Appl
5	14.8	64.3	18	4	US-09-630-706-14	Sequence 14, Appl
6	13.8	60.0	26	1	US-08-242-409-9	Sequence 9, Appl
7	13.8	60.0	26	1	PCT-US95-05835-9	Sequence 9, Appl
8	13.8	60.0	29	2	US-08-437-607A-31	Sequence 31, Appl
9	13.8	60.0	33	4	US-07-861-458C-40	Sequence 40, Appl
10	13.8	60.0	37	5	US-08-242-409-7	Sequence 7, Appl
11	13.8	60.0	37	5	PCT-US95-05835-7	Sequence 7, Appl
12	13.6	59.1	29	3	US-08-840-316-81	Sequence 81, Appl
13	13.6	59.1	29	4	US-08-809-523-81	Sequence 81, Appl
14	13.6	59.1	29	4	US-08-471-971-81	Sequence 81, Appl
15	13.6	59.1	29	4	US-09-402-776-81	Sequence 81, Appl
16	13.6	59.1	29	5	PCT-US93-08849A-81	Sequence 81, Appl
17	13.6	59.1	29	5	PCT-US93-08849-81	Sequence 81, Appl
18	13.6	59.1	34	4	US-08-980-994-5	Sequence 5, Appl
19	13.4	58.3	33	1	US-08-387-874-93	Sequence 93, Appl
20	13.4	58.3	33	1	US-08-387-874-96	Sequence 93, Appl
21	13.4	58.3	33	5	PCT-US93-08364-93	Sequence 93, Appl
22	13.4	58.3	33	5	PCT-US93-08364-96	Sequence 96, Appl
23	13.2	57.4	33	4	US-08-919-318-5	Sequence 5, Appl
24	13.2	57.4	33	4	US-07-861-458C-41	Sequence 41, Appl
25	13.2	57.4	40	1	US-08-030-731A-26	Sequence 26, Appl
26	13.2	57.4	40	1	US-08-584-040-1380	Sequence 1380, Ap
27	13	56.5	28	3	US-08-483-534A-3	Sequence 3, Appl

28	13	56.5	28	3	US-08-483-534A-5	Sequence 5, Appl
29	12.8	55.7	17	1	US-08-242-409-10	Sequence 10, Appl
30	12.8	55.7	17	5	PCT-US95-05835-10	Sequence 10, Appl
31	12.8	55.7	23	3	US-08-464-583-20	Sequence 20, Appl
32	12.8	55.7	23	4	US-08-462-513-20	Sequence 20, Appl
33	12.8	55.7	30	4	US-07-861-458C-9	Sequence 9, Appl
34	12.4	53.9	38	1	US-08-307-444A-22	Sequence 22, Appl
35	12.4	53.9	38	1	US-08-587-389-22	Sequence 22, Appl
36	12.2	53.0	26	4	US-09-155-941-11	Sequence 11, Appl
37	12.2	53.0	27	4	US-09-155-941-10	Sequence 10, Appl
38	12.2	53.0	30	1	US-08-627-706-4	Sequence 4, Appl
39	12.2	53.0	30	3	US-08-766-355-4	Sequence 4, Appl
40	12.2	53.0	30	4	US-09-103-489-4	Sequence 4, Appl
41	12.2	53.0	30	4	US-09-003-198A-4	Sequence 4, Appl
42	12.2	53.0	30	4	US-09-428-805-4	Sequence 4, Appl
43	12.2	53.0	40	4	US-09-416-050A-57	Sequence 57, Appl
44	12.2	53.0	40	4	US-09-664-800-57	Sequence 57, Appl
45	12.2	53.0	40	4	US-09-665-309-57	Sequence 57, Appl

## ALIGNMENTS

```
RESULT 1
US-09-416-050A-51
; Sequence 51, Application US/09416050A
; Patent No. 6194559
; GENERAL INFORMATION:
; APPLICANT: KIM, Soo Young
; TITLE OF INVENTION: Abscisic Acid Responsive Element - Binding Transcription Factors
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/416,050A
; CURRENT FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-416-050A-51

Query Match      65.2% Score 15; DB 4; Length 40;
Best Local Similarity 78.3%; Pred. No. 1.8e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 AAATCGCTCCGAGCGGGAAC 23
DB 2 AATTCGCTCTAAGCGGACAC 24

RESULT 2
US-09-664-800-51
; Sequence 51, Application US/09664800
; Patent No. 6218527
; GENERAL INFORMATION:
; APPLICANT: KIM, Soo Young
; TITLE OF INVENTION: Abscisic Acid Responsive Element - Binding Transcription Factor
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/664,800
; CURRENT FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/416,050
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-664-800-51

Query Match      65.2% Score 15; DB 4; Length 40;
Best Local Similarity 78.3%; Pred. No. 1.8e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
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RESULT 7  
PCT-US95-05835-9/c  
Sequence 9, Application PC/TUS9505835  
GENERAL INFORMATION:  
APPLICANT: Alexander-Bridges, Maria C.  
APPLICANT: Zhao, Hui-Fen  
TITLE OF INVENTION: INHIBITION OF INSULIN-  
TITLE OF INVENTION: INDUCED ADIPOSIS  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05835  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/242,409  
FILING DATE: 13 May 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 00786/238001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US95-05835-9  
Query Match 60.0%; Score 13.8; DB 5; Length 26;  
Best Local Similarity 88.2%; Pred. No. 6.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 6 GGCTCGAGCGGGGAAA 22  
DB 18 GGCTGAGAGCGCGGAAA 2  
RESULT 8  
US-08-437-607A-31  
Sequence 31, Application US/08437607A  
Patent No. 5955579  
GENERAL INFORMATION:  
APPLICANT: Leonard, James N. Montminy, Marc R.  
TITLE OF INVENTION: ISLET-SPECIFIC HOMEOPROTEIN AND TRANSCRIPTIONAL  
TITLE OF INVENTION: REGULATOR OF INSULIN GENE EXPRESSION  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/437,607A  
FILING DATE: MAY 9, 1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 1110-1-001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 29 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: GST-GGS  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-437-607A-31  
Query Match 60.0%; Score 13.8; DB 2; Length 29;  
Best Local Similarity 88.2%; Pred. No. 6.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 5 CGGCTCGAGCGGGGAAA 21  
DB 3 CGATCCGAGCGCGGGTA 19  
RESULT 9  
US-07-861-458C-40  
Sequence 40, Application US/07861458C  
Patent No. 6232061  
GENERAL INFORMATION:  
APPLICANT: Marchionni, Mark Andrew  
APPLICANT: Johnson, Carl D.  
TITLE OF INVENTION: HOMOLOGY CLONING  
NUMBER OF SEQUENCES: 142  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/861,458C  
FILING DATE: 04/01/92  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 04585/014001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:

LENGTH: 33  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-07-861-458C-40

Query Match 60.0%; Score 13.8; DB 4; Length 33;  
 Best Local Similarity 65.2%; Pred. No. 6.5e+02;  
 Matches 15; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 1 AATCGGCTCCGAGCGGGAAC 23  
 DB 3 AATTCGATCCGACNCGRAAY 25

RESULT 10  
 US-08-242-409-7/c  
 Sequence 7, Application US/08242409  
 Patent No. 5496831

GENERAL INFORMATION:  
 APPLICANT: Alexander-Bridges, Maria C.  
 APPLICANT: Zhao, Hui-Fen  
 TITLE OF INVENTION: INHIBITION OF INSULIN-INDUCED  
 TITLE OF INVENTION: ADIPOSIS  
 NUMBER OF SEQUENCES: 12  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson  
 STREET: 225 Franklin Street  
 CITY: Boston  
 STATE: Massachusetts  
 COUNTRY: U.S.A.  
 ZIP: 02110-2804  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 COMPUTER: IBM PS/2 Model 50Z or 55SX  
 OPERATING SYSTEM: MS-DOS (Version 5.0)  
 SOFTWARE: Wordperfect (Version 5.1)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/242,409  
 FILING DATE:  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Clark, Paul T.  
 REGISTRATION NUMBER: 30,162  
 REFERENCE/DOCKET NUMBER: 00786/238001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 542-5070  
 TELEFAX: (617) 542-8906  
 TELEX: 200154  
 INFORMATION FOR SEQ ID NO: 7:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 37  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-242-409-7

Query Match 60.0%; Score 13.8; DB 1; Length 37;  
 Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GGCTCGAGCGCGGAAA 22  
 DB 29 GGCTGAGAGCGCGGAAA 13

RESULT 11  
 PCT-US95-05835-7/c  
 Sequence 7, Application PC/TUS9505835  
 GENERAL INFORMATION:

APPLICANT: Alexander-Bridges, Maria C.  
 APPLICANT: Zhao, Hui-Fen  
 TITLE OF INVENTION: INHIBITION OF INSULIN-  
 TITLE OF INVENTION: INDUCED ADIPOSIS  
 NUMBER OF SEQUENCES: 12  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson  
 STREET: 225 Franklin Street  
 CITY: Boston  
 STATE: Massachusetts  
 COUNTRY: U.S.A.  
 ZIP: 02110-2804  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 COMPUTER: IBM PS/2 Model 50Z or 55SX  
 OPERATING SYSTEM: MS-DOS (Version 5.0)  
 SOFTWARE: Wordperfect (Version 5.1)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US95/05835  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/242,409  
 FILING DATE: 13 May 1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Clark, Paul T.  
 REGISTRATION NUMBER: 30,162  
 REFERENCE/DOCKET NUMBER: 00786/238001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 542-5070  
 TELEFAX: (617) 542-8906  
 TELEX: 200154  
 INFORMATION FOR SEQ ID NO: 7:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 37  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 PCT-US95-05835-7

Query Match 60.0%; Score 13.8; DB 5; Length 37;  
 Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GGCTCGAGCGCGGAAA 22  
 DB 29 GGCTGAGAGCGCGGAAA 13

RESULT 12  
 US-08-840-316-81  
 Sequence 81, Application US/08840316  
 Patent No. 6054567  
 GENERAL INFORMATION:  
 APPLICANT: Emerson, Suzanne U., Purcell, Robert H.,  
 APPLICANT: Tsarev, Sergei A., and Robinson, Robin A.  
 TITLE OF INVENTION: Recombinant Proteins Of  
 TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their  
 NUMBER OF SEQUENCES: 111  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MORGAN & FINNEGAN  
 STREET: 345 PARK AVENUE  
 CITY: NEW YORK  
 STATE: NEW YORK  
 COUNTRY: USA  
 ZIP: 10154  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY DISK  
 COMPUTER: IBM PC COMPATIBLE  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: WORDPERFECT 5.1  
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/840,316  
FILING DATE: 11-APR-1997  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Richard W. Bork  
REGISTRATION NUMBER: 36,459  
REFERENCE/DOCKET NUMBER: 2026-4255  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 81:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 29 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-840-316-81

Query Match 59.1%; Score 13.6; DB 3; Length 29;  
Best Local Similarity 80.0%; Pred. No. 8e+02; 4; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3 ATCGGCTCCGAGCGGGA 22  
Db 8 ATCCGCTCCAGCGCTCAA 27

## RESULT 13

US-08-809-523-81

Sequence 81, Application US/08809523

Patent No. 6207416

GENERAL INFORMATION:

APPLICANT: Tsarev, Sergei. A., Emerson,

APPLICANT: Suzanne U., Purcell, Robert H.

TITLE OF INVENTION: Recombinant Proteins Of

TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their

NUMBER OF SEQUENCES: 107

CORRESPONDENCE ADDRESS: 107

ADDRESS: MORGAN & FINNEGAN, L.L.P.

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/809,523

FILING DATE: 28-MAY-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/11102

FILING DATE: 03-OCT-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US08/316,765

FILING DATE: 03-OCT-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/947,263

FILING DATE: 18-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Richard W. Bork

REGISTRATION NUMBER: 36,459

REFERENCE/DOCKET NUMBER: 2026-4032US4

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 758-4800

TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 81:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 29 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-809-523-81

Query Match 59.1%; Score 13.6; DB 4; Length 29;  
Best Local Similarity 80.0%; Pred. No. 8e+02; 4; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3 ATCGGCTCCGAGCGGGA 22  
Db 8 ATCCGCTCCAGCGCTCAA 27

## RESULT 14

US-08-471-971-81

Sequence 81, Application US/08471971

Patent No. 6287759

GENERAL INFORMATION:

APPLICANT: Tsarev, Sergei. A., Emerson,

APPLICANT: Suzanne U., Purcell, Robert H.

TITLE OF INVENTION: Recombinant Proteins Of

TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their

NUMBER OF SEQUENCES: 107

CORRESPONDENCE ADDRESS: 107

ADDRESS: MORGAN & FINNEGAN

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/471,971

FILING DATE: 06-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US08/316,765

FILING DATE: 03-OCT-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US07/947,263

FILING DATE: 18-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Richard W. Bork

REGISTRATION NUMBER: 36,459

REFERENCE/DOCKET NUMBER: 2026-4032US2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 758-4800

TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 81:

SEQUENCE CHARACTERISTICS:

LENGTH: 29 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-471-971-81

Query Match 59.1%; Score 13.6; DB 4; Length 29;  
Best Local Similarity 80.0%; Pred. No. 8e+02; 4; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3 ATCGGCTCCGAGCGGGA 22  
Db 8 ATCCGCTCCAGCGCTCAA 27

DB 8 ATCCGCTCCGAGCGTCMAA 27

## RESULT 15

US-09-402-776-81  
; Sequence 81, Application US/09402776

; Patent No. 6458562

## ; GENERAL INFORMATION:

; APPLICANT: Emerson, Suzanne U., Purcell, Robert H.,

; APPLICANT: Tearey, Sergei. A., and Robinson, Robin A.

; TITLE OF INVENTION: Recombinant Proteins Of

; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their

; NUMBER OF SEQUENCES: 111

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MORGAN &amp; FINNEGAN

; STREET: 345 PARK AVENUE

; CITY: NEW YORK

; STATE: NEW YORK

; COUNTRY: USA

; ZIP: 10154

## ; COMPUTER READABLE FORM:

; MEDIUM TYPE: FLOPPY DISK

; COMPUTER: IBM PC COMPATIBLE

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WORDPERFECT 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/402,776

; FILING DATE:

; CLASSIFICATION:

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 08/840,316

; FILING DATE: 11-APR-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Richard W. Bork

; REGISTRATION NUMBER: 36,459

; REFERENCE/DOCKET NUMBER: 2026-4255

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 758-4800

; TELEFAX: (212) 751-6849

; INFORMATION FOR SEQ ID NO: 81:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 29 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-09-402-776-81

Query Match 59.1%; Score 13.6; DB 4; Length 29;

Best Local Similarity 80.0%; Pred. No. 8e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3 ATCCGCTCCGAGCGGGGAAA 22

DB 8 ATCCGCTCCGAGCGGTCAAA 27

Search completed: March 26, 2003, 23:20:18  
Job time : 66.3864 secs